PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

16139.09052					
International application No. PCT/US04/37813	International filing date (day/month/year) 12 November 2004 (12.11.2004)	(Earliest) Priority Date (day/month/year) 12 November 2003 (12.11.2003)			
Applicant UNIVERSITY OF SOUTH CAROLINA					
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau. This international search report consists of a total of sheets. It is also accompanied by a copy of each prior art document cited in this report.					
 Basis of the Report With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item. 					
The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).					
b. With regard to any nucleoti	de and/or amino acid sequence disclosed in	the international application, see Box No. I.			
	unsearchable (See Box No. II)				
 Unity of invention is lacking (See Box No. III) With regard to the title, 					
the text is approved as subm	itted by the applicant.				
	by this Authority to read as follows:				
		·			
5. With regard to the abstract,					
the text is approved as submi					
		as it appears in Box No. IV. The applicant the report, submit comments to this Authority.			
6. With regard to the drawings,					
a. the figure of the drawings to be particle as suggested by the	oublished with the abstract is Figure No	-			
	applicant. authority, because the applicant failed to sugg	est a figure.			
	authority, because this figure better characteri	ŭ l			
b. none of the figures is to be published with the abstract.					
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Box	No. II	Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)	
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:			
1.		Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:	
2.	\boxtimes	Claims Nos.: 36 because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically: Claim 36 fails to give a structure or name specific compounds that are useful for preventing or treating a cardiovascular or respiratory disorder. Therefore, claim 36 is unsearchable.	
3.		Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).	
Box	No. III	Observations where unity of invention is lacking (Continuation of item 3 of first sheet)	
1. 2. 3.	Internati	As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:	
4. Rema	rk on Pi	No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.	

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A. CLASSIFICATION OF SUBJECT MATTER				
IPC(7) : A61K 31/40; C07D 207/34 US CL : 514/423; 548/537				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) U.S.: 514/423; 548/537				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) STN CAS ONLINE				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
X JOHNSON et al. Synthesis of substituted 2-aminop. Pharmaceutical Sciences. August 1979, Vol. 68, No.	yrrole analogs of lidocaine II. Journal of 1-35, 37-43 no. 8, pages 955-958, especially page 955.			
Further documents are listed in the continuation of Box C.	See patent family annex.			
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance 	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be			
"E" earlier application or patent published on or after the international filing date	considered novel or cannot be considered to involve an inventive step when the document is taken alone			
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination			
"O" document referring to an oral disclosure, use, exhibition or other means	being obvious to a person skilled in the art			
"P" document published prior to the international filing date but later than the priority date claimed	"&" document member of the same patent family			
Date of the actual completion of the international search	Date of mailing of the international search report APR 2005			
14 March 2005 (14.03.2005)	2000			
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230	Authorized officer Laura L. Stockton, Rev D Telephone No. 703/308-1235			

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